

360-DEGREE SWIVEL CUSHION

BACKGROUND OF THE INVENTION

(a) Field of the Invention

A 360 swivel cushion of the present invention relates to a swivel cushion,
5 and more particularly to a swivel cushion capable of rotating 360 degrees
and sliding in 4 directions. A user can arbitrarily rotate and shift position of
the cushion, and therefore suited for usage by an office worker who has to
sit for long periods, and for those aged and weak patients for whom getting
around is inconvenient or as a cushion seat in automobile.

10 (b) Description of the Prior Art

Accordingly, a common cushion has an extensive range of applications.
In day-to-day life, the cushion can be placed on a chair, on a seat of an
automobile or on sickbeds. However, because a conventional cushion is
structured so as to be fixed in position, and therefore impossible to rotate,
15 immense inconvenience results when aged and weak or women and
children for whom getting around is inconvenient or bedridden patients
wish to shift position of their bodies, turn over or get down from bed, As a
consequence, there is a wanting need for advancement in cushion design.

SUMMARY OF THE INVENTION

20 A primary objective of the present invention is to utilize a number of
steel balls reposed within a swivel ball seat, and therewith slide on circular
tracks configured on a base of a swivel plate, thereby carrying along a
cushion and rotating and sliding on a base plate thereof, and thus providing
a cushion with functionality to arbitrarily rotate 360 degrees and slide in
25 four directions, enhancing and providing greater convenience to everyday

life.

To enable a further understanding of the said objectives and the technological methods of the invention herein, the brief description of the drawings below is followed by the detailed description of the preferred
5 embodiments.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 shows a schematic drawing according to the present invention.

FIG. 2 shows an exploded elevational view according to the present invention.

10 FIG. 3 shows a partial cross sectional view according to the present invention.

FIG. 4 shows an embodiment according to the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

15 Referring to Figs. 1 and 2, which depict a 360-degree swivel cushion of the present invention comprising and constructed to include a base plate 1, a swivel ball seat 2, a swivel plate 3, a cushion 4, a foam rubber 5 and a cover 6. A perforation 11 is defined in a center of the base plate 1 for a screw A to pass therethrough. The swivel ball seat 2 comprises a circular
20 web-like seat, upon which is configured a number of ball orifices 21. A steel ball 22 is embedded in each of the ball orifices 21; thereby 24 steel balls 22 are distributed on top of the web-like swivel ball seat 2. The swivel plate 3 is configured so as to lie on top of the swivel ball seat 2. Three circular tracks 31 of variant diameter are configured on a base of the swivel
25 plate 3, thereby enabling the steel balls 22 to separately repose in the tracks

31. A screw hole 32 is defined in a center of a base of the swivel plate 3, and, upon the swivel ball seat 2 being disposed between the base plate 1 and the swivel plate 3, the screw A is made to pass through the perforation 11 of the base plate 1 and a central screw hole 23 of the swivel ball seat 2 and thereat screwed down within the screw hole 32 of the swivel plate 3.

Referring to FIG. 3, which shows the cushion 4 fixedly adhered on top of the swivel plate 3. The foam rubber 5 is placed and adhered on top of the cushion 4, and the cover 6 is then made to fully cover the foam rubber thereon. The cover 6 completely wraps round a bottom of the 360-degree swivel cushion, and is designed for easy taking off to facilitate cleaning thereof.

Referring to FIG. 4, which depicts the 360 degree swivel cushion of the present invention completely assembled, and thereby actualized for 360 degree rotation and slippage in 4 directions, whereby the swivel ball seat 2 is configured to carry along the swivel pan 3, the cushion 4, the foam rubber 5 and the cover 6, and thus realize rotating on top of the base plate 1 thereof.

In conclusion, the 360 degree swivel cushion of the present invention utilizes the swivel ball seat 2 disposed between the base plate 1 and the swivel plate 3, to actualize 360 degree rotation and arbitrary change in direction, thereby enhancing and providing greater convenience to daily life of chair-ridden persons, aged and weak, women, children and bedridden patients for whom getting around is inconvenient.

It is of course to be understood that the embodiments described herein is merely illustrative of the principles of the invention and that a wide variety

of modifications thereto may be effected by persons skilled in the art without departing from the spirit and scope of the invention as set forth in the following claims.